## Java Configuration Changes to Increase ADP eTime Performance

The following are steps that **any user** can make to their Java configuration to help increase the speed of the ADP eTime application within a browser (i.e. Internet Explorer, Firefox, Chrome, etc.) You do not need to have administrative access to make this change.

This change must be made for each user on a given workstation. Changing these settings for one user will not apply for other users on the same workstation. However, if a new version of Java has been installed, these changes must be reapplied.
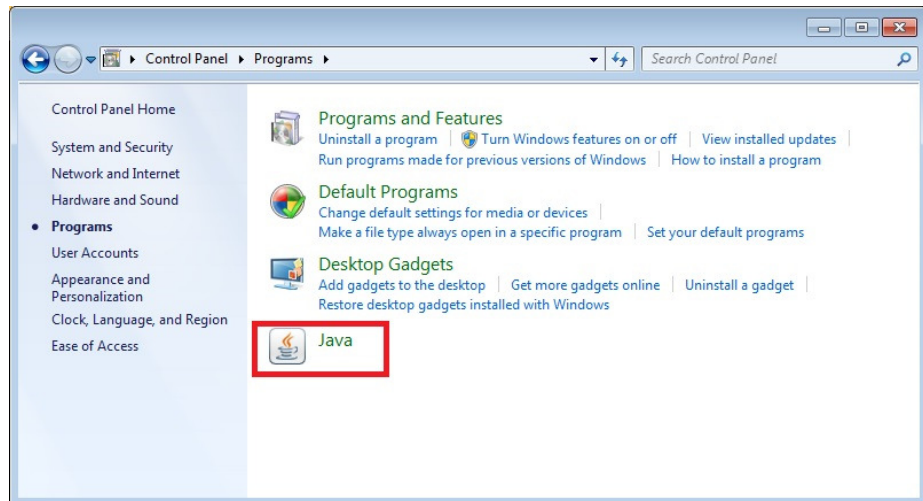
1. In order to access the Java Control Panel to make the change, start by opening the *Control Panel* from the Windows Start Menu.
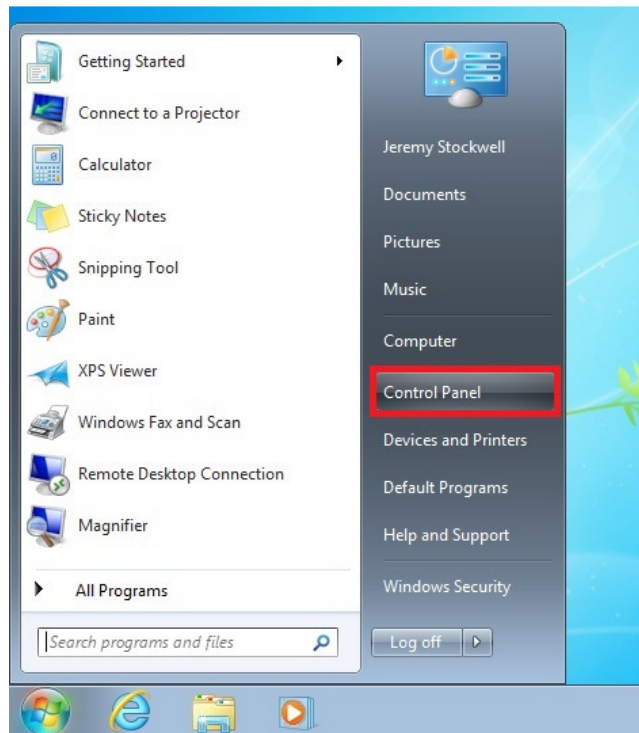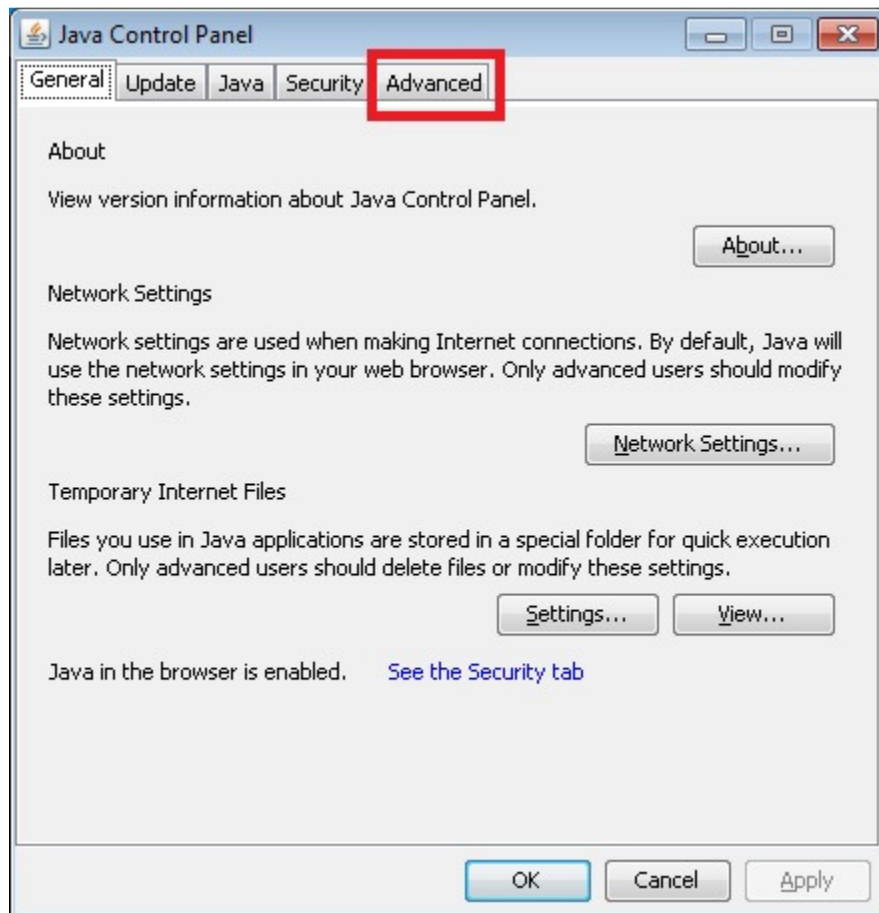

2. Within the main Control Panel window, select *Programs*.
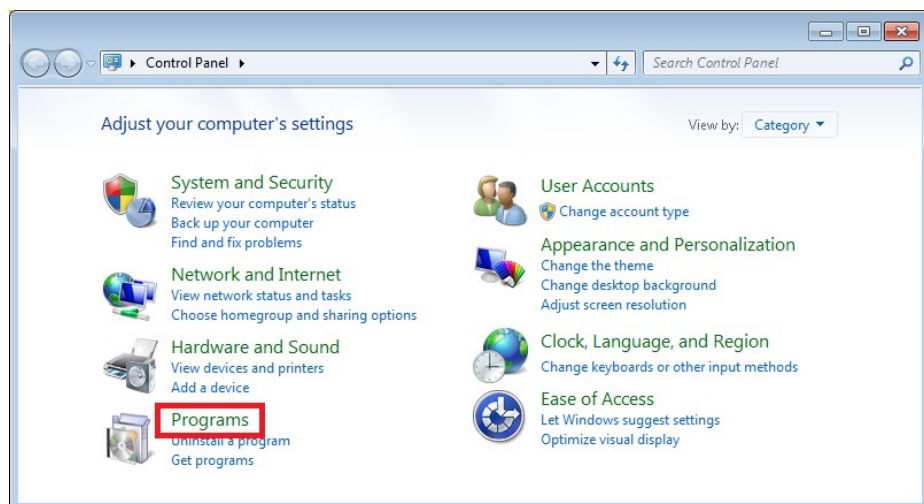
3. Select *Java* from the Programs window within the Control Panel.

4. When the Java Control Panel appears, select the *Advanced* tab on the far right.
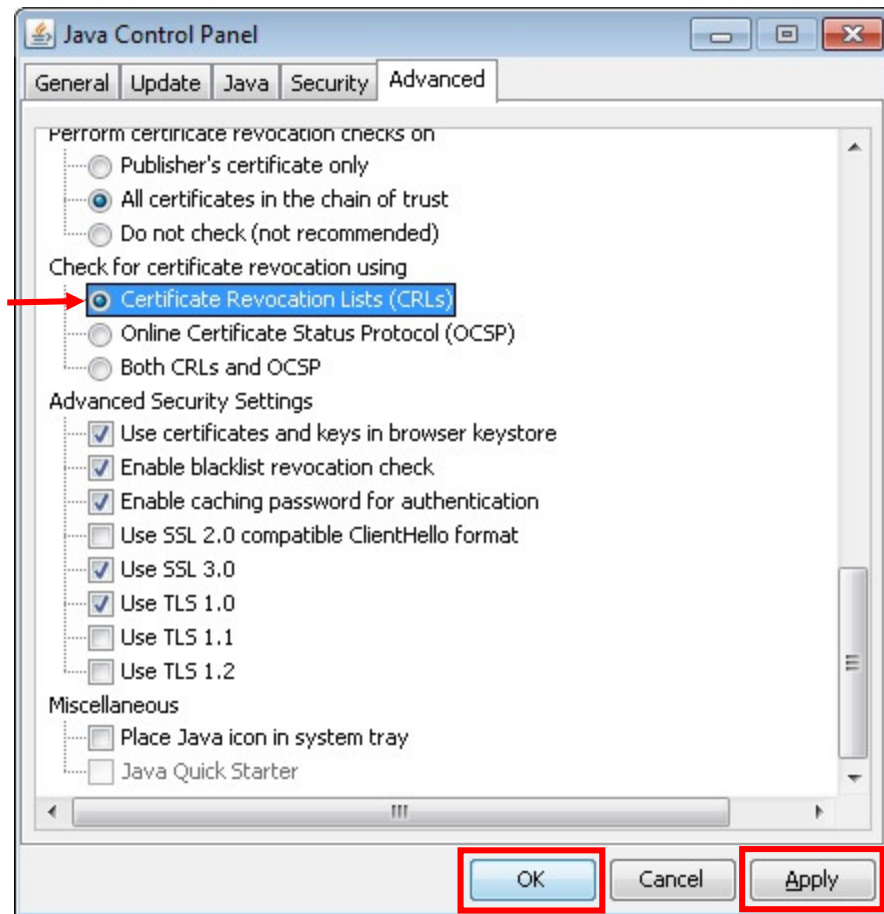
5. Within the advanced tab, scroll to the section labeled "Check for certificate revocation using" near the bottom of the window.
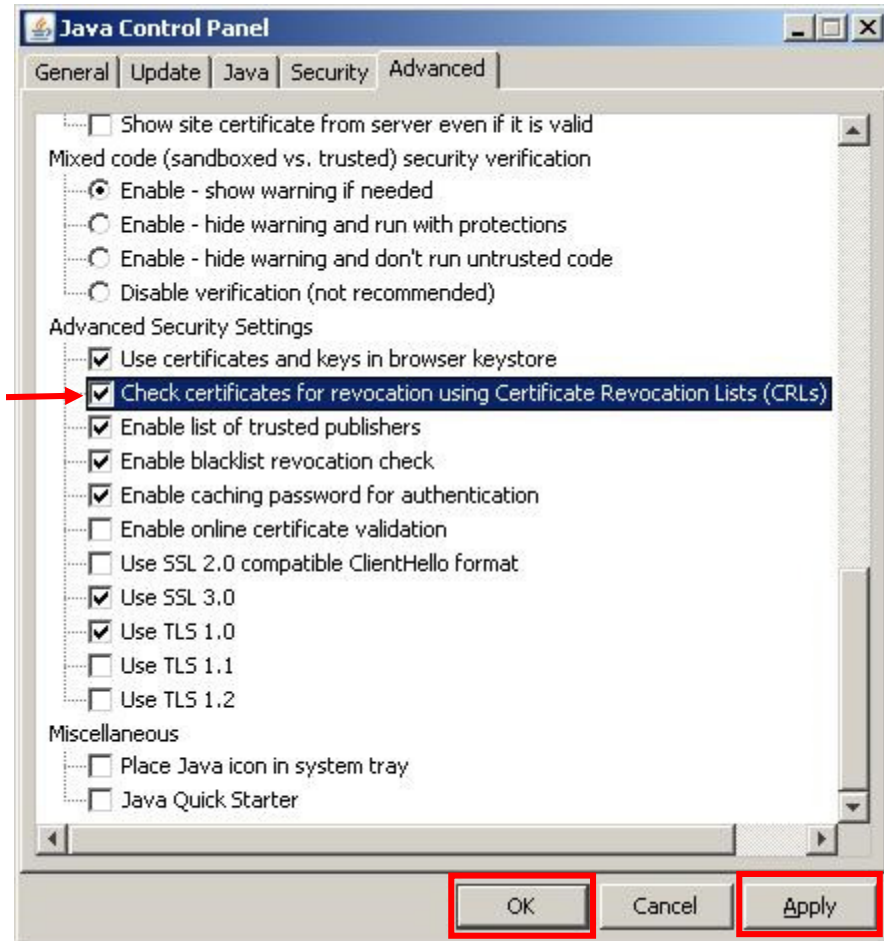
    If you do not see this option, skip to step 7. You may be running an older version of Java.
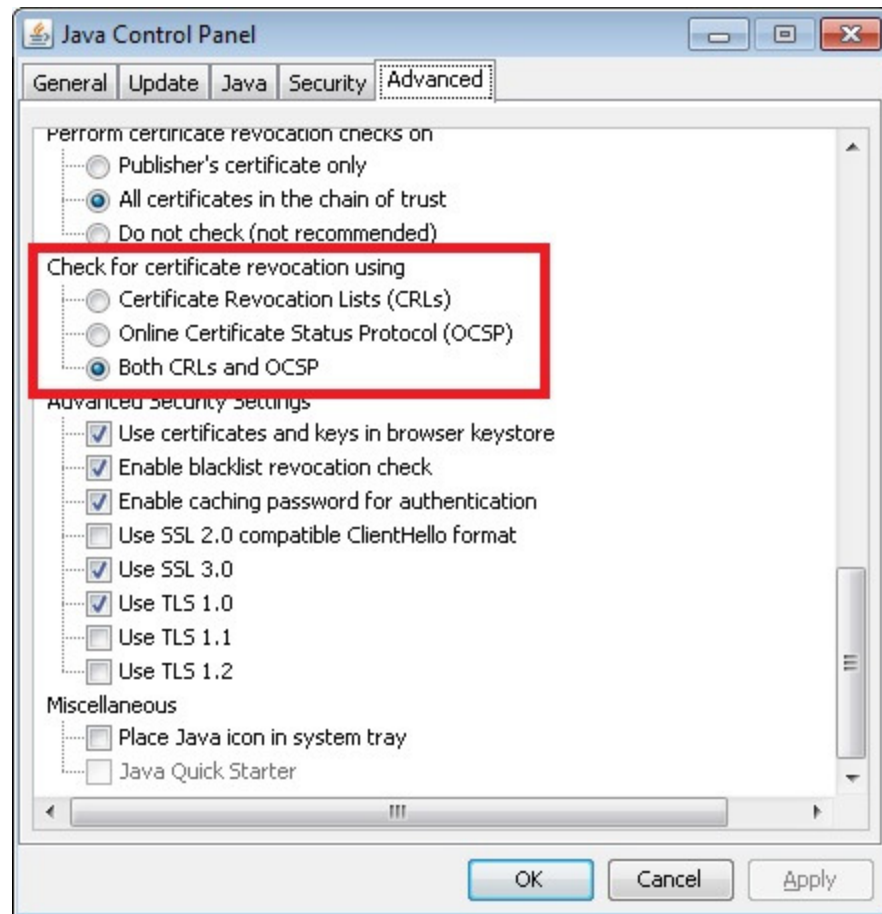
6. By default, Java has "Both CRLs and OCSP" selected. Once this is selected, click the Apply button then the OK button to close the window.

7. Should you be running an older version of Java and do not see "Both CRLs and OCSP", search for the "Advance Security Settings" near the bottom of the *Advanced* window. Under this heading, check the "Check certificates for revocation using Certificate Revocation Lists (CRLs)", click *Apply*, and click *OK*.

Java Control Panel

General | Update | Java | Security | Advanced

Show site certificate from server even if it is valid
Mixed code (sandboxed vs. trusted) security verification
  - Enable - show warning if needed
  - Enable - hide warning and run with protections
  - Enable - hide warning and don't run untrusted code
  - Disable verification (not recommended)
Advanced Security Settings
  - ☑ Use certificates and keys in browser keystore
  - ☑ Check certificates for revocation using Certificate Revocation Lists (CRLs)
  - ☑ Enable list of trusted publishers
  - ☑ Enable blacklist revocation check
  - ☑ Enable caching password for authentication
  - ☐ Enable online certificate validation
  - ☐ Use SSL 2.0 compatible ClientHello format
  - ☑ Use SSL 3.0
  - ☑ Use TLS 1.0
  - ☐ Use TLS 1.1
  - ☐ Use TLS 1.2
Miscellaneous
  - ☐ Place Java icon in system tray
  - ☐ Java Quick Starter

OK   Cancel   Apply

Once these steps have been taken, you will need to close any existing ADP eTime windows and reopen the application through the ADP Portal. The user should see a difference in performance over previous eTime sessions.